



TSB 003


TRUNZ SEAWATER BOX 003

The Trunz water desalination box TSB 003 is complete and ready to deploy. It provides up to max. 250 l of potable water per hour from any seawater source. The system is complete with feed pump, automatic back flushing filtration system and controls. An efficient Reverse Osmosis system removes dissolved solids (salt, inorganic contamination etc.) as well as viruses and bacteria without requiring toxic chemical treatment. The Trunz seawater box is ideal for decentralised water purification in remote communities, clinics, resort application etc. The system is very compact, easy to install and to maintain.



 up to 40,000 ppm up to 6,000 litres per day

 exceptionally energy efficient

 ideal for decentralised water purification

Dimensions	L x W x H	1600 x 1000 x 1150 mm
Weight	net	534 kg
Filtration Technology		Reverse Osmosis (RO)
Raw Water Source		seawater
Contamination		organic and inorganic contamination, salinity up to TDS 40,000 mg/l
Quality of produced water		potable water
Application / Installation		local / permanent installation
Capacity		max. 250 l/h
Prefilter with back flushing system	4 pc.	1x 100 micron, 2x 50 micron, 1x 5 micron
Membranes	2 pc.	Reverse Osmosis (seawater)
Activated carbon filter	1 pc.	20 micron
Power supply		power connection or solar
Power consumption unit		650 W
Power consumption Total	incl. borehole pump	900 W
VRLA-Batteries		-
Power input		Solar, 24 VDC
Controls		digital
Feed pump	1 pc.	max. 1000 l/h
Feed pump pressure		6 bar
Tube package		20 meter
min./max. water temperature		0/45° C
min./max. air temperature		0/50° C
Optional features		Solar Power Center Sandfilter Monitoring Disinfection
Certificates		FDA - 21 OFR 177.2550 ISO 9001:2008